

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Kevin J. KAYSER et al.

For: SYSTEM AND METHOD FOR GENE EXPRESSION IN THERMUS STRAINS

Enclosed are:

- ☒ Sixteen (16) pages of specification, seven (7) pages of claims (Claims 1-32), one (1) page of Abstract, five (5) sheets of drawings (Figs. 1-8), two (2) pages of Sequence Listings and one (1) 3.5 inch diskette with Sequence Listing in computer readable form.
- ☒ Unexecuted combined Oath or Declaration, Power of Attorney and Petition.
- ☒ Certificate of Mailing by Express Mail.
- ☒ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Letter Re Filing Pursuant to 37 CFR 1.53.
- ☒ Submission of Sequence Listing in Computer Readable Form in Accordance with 37 CFR 1.821(c)
- ☒ Information Disclosure Statement, together with Form PTO-1449 (2 pages) and with a copy of each and every cited reference.
- ☒ Return Receipt Postcard.

The filing fee has been calculated as shown below:

		COL. 1		COL. 2		SMALL ENTITY		LARGE ENTITY	
FOR:	NO. FILED		NO. EXTRA		RATE	FEE	OR	RATE	FEE
BASIC FEE						\$370	OR		\$740
TOTAL CLAIMS	32	less 20	12		X 09 =	108	OR	X 18 =	
INDEPENDENT CLAIMS	3	less 3	0		X 42 =	0	OR	X 84 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED					+140 =		OR	+280 =	
* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2					TOTAL	478	OR	TOTAL	

- ☒ Please charge my Account No. 502045 in the amount of \$478.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 502045. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR 1.16.
  - ☐ Any patent application processing fees under 37 CFR 1.17.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kevin J. KAYSER  
John J. KILBANE II

Title: SYSTEM AND METHOD FOR GENE  
EXPRESSION IN THERMUS STRAINS

Express Mail No.: EL649156265US

Date of Deposit: 28 February 2002

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**Box PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL649156265US, on 28 February 2002, and is addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, together with the items listed below.

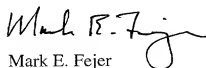
- Transmittal Letter, in duplicate
- Sixteen (16) pages of specification, seven (7) pages of claims (Claims 1-32), one (1) page of Abstract, five (5) sheets of drawings (Figs.1-8), two (2) pages of Sequence Listing and one

Express Mail No.: EL649156265US

(1) 3.5 inch diskette with the Sequence Listing in computer readable form

- Unexecuted combined Oath or Declaration, Power of Attorney and Petition
- Information Disclosure Statement, together with Form PTO-1449, two (2) pages, and with copies of each and every cited reference
- Executed Claim for Small Entity Status document
- Letter Re Filing Pursuant to 37 CFR 1.53
- Submission of Sequence Listing in Computer Readable Form in Accordance With 37 CFR 1.821(c), one (1) page
- Return Receipt Postcard

Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kevin J. KAYSER  
John J. KILBANE II

Title: SYSTEM AND METHOD FOR GENE EXPRESSION  
IN THERMUS STRAINS

Express Mail No.: EL649156265US

Date of Deposit: 28 February 2002

**LETTER RE FILING PURSUANT TO 37 CFR 1.53**

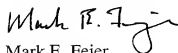
**Box PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This application is being filed pursuant to 37 CFR 1.53, with an unexecuted combined Oath or Declaration, Power of Attorney and Petition.

Upon notification by the United States Patent and Trademark Office, the formal requirements will be met within the time prescribed.

Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kevin J. KAYSER  
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Title: SYSTEM AND METHOD FOR GENE EXPRESSION  
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**SUBMISSION OF SEQUENCE LISTING IN COMPUTER READABLE  
FORM IN ACCORDANCE WITH 37 CFR 1.821(c)**

**Box PATENT APPLICATION**

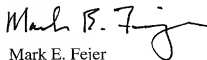
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 CFR 1.821(c), Applicants are enclosing herewith a 3.5 inch diskette containing a Sequence Listing in computer readable form.

Applicants hereby state, in accordance with the requirements of 37 CFR 1.821(f), that the information recorded in computer readable form is identical to the written sequence listing enclosed with the U.S. patent application filed herewith.

Respectfully submitted,



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